

The invention relates to the field of microorganisms and to the culturing of microorganisms. Means and methods are described for enhancing the culturing properties of filamentous microorganisms, particularly filamentous fungi. According to the invention, the means and methods generally comprise reducing the branching and/or enhancing the fragmentation of the microorganisms, so that their liquid culturing properties are improved. In one embodiment, this is achieved by providing the microorganisms with activity capable of enhancing fragmentation and/or reducing branching such as the activity which in, for example, *Streptomyces griseus* is encoded by ssgA.